

Listing of the Claims:

**This listing of claims will replace all prior versions, and listings, of claims in the application:**

1. (currently amended) An electric lamp comprising a glass component, the composition of the glass component being substantially free of PbO and comprising, expressed as a percentage by weight, the following constituents:

55-70 weight% SiO<sub>2</sub>,

<0.1 weight% Al<sub>2</sub>O<sub>3</sub>,

0.5-4 weight% Li<sub>2</sub>O,

0.5-3 weight% Na<sub>2</sub>O,

10-15 weight% K<sub>2</sub>O,

0-3 weight% MgO,

0-4 weight% CaO,

0.5-5 weight% SrO,

7-10 weight% BaO.

2. (currently amended) The electric lamp as claimed in claim 1, characterized in that the composition of the glass component comprises:

65-70 weight% SiO<sub>2</sub>,

<0.1 weight% Al<sub>2</sub>O<sub>3</sub>,

1.4-2.2 weight% Li<sub>2</sub>O,

1.5-2.5 weight%  $\text{Na}_2\text{O}$

11-12.3 weight%  $\text{K}_2\text{O}$ ,

1.8-2.6 weight%  $\text{MgO}$ ,

2.5-5-4 weight%  $\text{CaO}$ ,

2-3.5 weight%  $\text{SrO}$ ,

8-9.5 weight%  $\text{BaO}$ .

3. (previously presented) The electric lamp as claimed in claim 1, characterized in that the composition of the glass component in addition comprises: 0.01-0.2 weight%  $\text{Fe}_2\text{O}_3$  or 0.1-0.2 weight%  $\text{CeO}_2$ .

4. (previously presented) The electric lamp as claimed in claim 1, characterized in that the composition of the glass component in addition comprises: 0.01-0.2 weight%  $\text{SO}_3$ .

5. (previously presented) The electric lamp as claimed in claim 1, characterized in that the sum of the concentrations of  $\text{Li}_2\text{O}$ ,  $\text{Na}_2\text{O}$ , and  $\text{K}_2\text{O}$  is in the range from 14 to 16 weight%.

6. (previously presented) The electric lamp as claimed in claim 1, characterized in that the sum of the concentrations of  $\text{SrO}$  and  $\text{BaO}$  is in the range from 10 to 12.5 weight%.

7. (previously presented) A stem for an electric lamp having a glass portion, the glass portion having a composition as claimed in claim 1.

8. (previously presented) A lamp envelope which is manufactured from a glass having a composition as claimed in claim 1.

9. (original) The lamp envelope as claimed in claim 8, characterized in that the lamp envelope is tubular.

10. (previously presented) A mercury vapor discharge lamp comprising a lamp envelope, the lamp envelope enclosing, in a gastight manner, a discharge space provided with a filling of mercury and a rare gas, the lamp envelope comprising discharge means for maintaining a discharge in the discharge space, characterized in that the lamp envelope is made from a glass having a composition as claimed in claim 1.

11. (previously presented) A glass for use in glass components of electric lamps, the glass having a composition as claimed in claim 1.

12. (previously presented) An electric lamp comprising a glass component, the composition of the glass component being

substantially free of PbO and comprising, expressed as a percentage by weight, the following constituents:

55-70 weight% SiO<sub>2</sub>,

<0.1 weight% Al<sub>2</sub>O<sub>3</sub>,

0.5-4 weight% Li<sub>2</sub>O,

0.5-3 weight% Na<sub>2</sub>O

10-15 weight% K<sub>2</sub>O,

0-3 weight% MgO,

0-4 weight% CaO,

0.5-5 weight% SrO,

7-10 weight% BaO

0.01-0.2 weight% SO<sub>3</sub>.

13. (new) The electric lamp as claimed in claim 1, wherein the composition of the glass component comprises 0.5-2.2 weight% Li<sub>2</sub>O.

14. (new) The electric lamp as claimed in claim 1, wherein the composition of the glass component comprises 0.5-2.5 weight% Na<sub>2</sub>O.

15. (new) The electric lamp as claimed in claim 1, wherein the composition of the glass component comprises 2.5-4 weight% CaO.

16. (new) The electric lamp as claimed in claim 1, wherein the composition of the glass component comprises  $\text{CeO}_2$ .

17. (new) The electric lamp as claimed in claim 16, wherein the composition of the glass component comprises 0.1-0.2 weight%  $\text{CeO}_2$ .